

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) A hand held electrically powered tool, comprising:
 - a drive mechanism of the tool;
 - a gear casing for housing the drive mechanism, the gear casing including an entrance;
 - a motor including an armature shaft having a first end at which a pinion is formed for engaging the drive mechanism;
 - a motor plate having a central opening mounted around the armature shaft adjacent said first end;
 - an armature shaft bearing including an outer race and located between the motor plate and the pinion, and received in the entrance of the gear casing;
 - a resilient O-ring located on the motor plate and engaging the outer race of said bearing; and
 - a resilient sealing ring moulded onto the motor plate and located around the central opening ~~through~~ through the motor plate for sealing between the motor plate and the armature shaft.
2. (Original) A tool according to claim 1 wherein the resilient O-ring is moulded directly onto the motor plate.

3. (Original) A tool according to claim 1 wherein the motor is housed in a motor housing and the motor plate is sandwiched between the motor housing and the bearing when the motor is fixed with respect to the gear casing.

4. (Currently Amended) A tool according to claim 1 wherein fixing members, pass through receiving holes in the gear casing and the motor housing and ~~through~~ through recesses in the motor plate for fixing the motor with respect to the gear casing.

5. (Original) A tool according to claim 1 wherein the resilient sealing ring has a first portion which is moulded onto the motor plate and a second portion which depends from the first portion and forms a seal against the armature shaft.

6. (Original) A tool according to claim 5 wherein the first portion has an L-shaped radial cross-section and the second portion has a V-shaped radial cross-section and depends from the outside corner of the L-shaped portion.

7. (Original) A tool according to claim 1 wherein the motor plate is located adjacent a fan, which fan is mounted to rotate with the armature shaft, so that the plate forms part of a chamber for the fan and through holes are formed in the motor plate which act as inlets to the fan.

8. (Original) A tool according to claim 1 wherein the resilient O-ring is supported on its radially outer surface by a surface of the entrance to the gear casing.

9. (Currently Amended) A hand held electrically powered tool, comprising:

- a drive mechanism of the tool;
- a gear casing for housing the drive mechanism, the gear casing including an entrance;
- a motor including an armature shaft having a first end at which a pinion is formed for engaging the drive mechanism;
- a motor plate having a central opening mounted around the armature shaft adjacent said first end;
- an armature shaft bearing including an outer race and located between the motor plate and the pinion, and received in the entrance of the gear casing;
- a metal ring defining a hole and located within the central opening of the motor plate; and
- a resilient sealing ring moulded onto the metal ring and located around the hole ~~though~~ through the metal ring for sealing between the metal ring and the armature shaft.

10. (Original) A tool according to claim 9 and further comprising a resilient O-ring moulded on the metal ring and engaging the outer race of the bearing.

11. (Original) A tool according to claim 9 wherein the metal ring has an axially extending portion and the resilient sealing ring includes a first portion moulded over the axially extending portion and a second portion which depends from the first portion and forms a seal against the armature shaft.

12. (Original) A tool according to claim 11 wherein the first portion of the resilient sealing ring has a U-shaped radial cross-section and the second portion has a V-shaped radial cross-section and depends from the radially inner corner of the U-shaped portion.

13. (Original) A tool according to claim 10 wherein the metal ring has a radially outwardly extending portion and the resilient O-ring is moulded to a face of the radially extending portion.

14. (Original) A sub-assembly for a motor of a hand held electrically powered tool comprising an armature shaft having a first end at which a pinion is formed, a motor plate having a central opening mounted around the armature shaft adjacent said first end and a first armature shaft bearing located between the motor plate and the pinion, characterized in that a moulded on resilient sealing ring is located around the central opening through the motor plate for sealing between the motor plate and the armature shaft and a moulded on resilient O-ring is located on the face of the motor plate facing the bearing for engaging the outer race of said bearing.

15. (Original) A sub-assembly according to claim 14 wherein the resilient sealing ring is moulded directly onto the motor plate.

16. (Original) A sub-assembly according to claim 14 wherein the resilient O-ring is moulded directly onto the motor plate.

17. (Original) A sub-assembly according to claim 14 wherein the resilient sealing ring and the resilient O-ring are moulded onto a metal ring which metal ring fits within the central opening of the motor plate.

18. (Original) a sub-assembly according to claim 14, additionally including a fan mounted on the armature shaft to rotate with the shaft, and wherein the motor plate is located adjacent the fan so that the plate forms part of a chamber for the fan and through holes are formed in the motor plate which act as inlets to the fan.